

16569 U.S. PTO
041604

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
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Utility Patent Application Transmittal

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

CNTR.2230

First Inventor

G. Glenn Henry
Thomas A. Crispin
Timothy A. Elliott
Terry Parks

Title

APPARATUS AND METHOD FOR GENERATING
A CRYPTOGRAPHIC KEY SCHEDULE IN A
MICROPROCESSOR

Express Mail Label

EO 001 735 502 US 4/16/04

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents
Box Patent Application
Alexandria, VA 22313

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages 74]
(preferred Arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Reference to sequence listing, a table or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Pages 11]

5. ☒ Oath or Declaration [Total Pages 2]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuational divisional with Box 18 completed)

- i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
Named in the prior application, see 37 CFR
1.63 (d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-Rom or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73 (b) Statement ☒ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS
Statements (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Documents(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary Amendment, or in an Application Data Sheet under 37 CFR 1.76

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Prior application information:

Examiner.....

of prior application No:

Group Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon in which a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

- ☒ Customer Number and
Bar Code Label

23669

Name (Print Type)

James W. Huffman

Registration No. (Attorney/Agent)

35,549

Signature

Date

4-16-04

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT \$ 878.00

| | |
|------------------------|--|
| Application Number | Herewith |
| Filing Date | NA |
| First Named Inventor | G. Glenn Henry Thomas A. Crispin Timothy A. Elliott Terry Parks |
| Examiner Name | |
| Group Art Unit | |
| Attorney Docket Number | CNTR.2230 |

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

Deposit Account Name

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:
☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

| 1. BASIC FILING FEE | | | | |
|---------------------|-----------------|----------------|-----------------|------------------------|
| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
| 1001 | 740 | 2001 | 370 | Utility filing fee |
| 1002 | 330 | 2002 | 165 | Design filing fee |
| 1003 | 510 | 2003 | 255 | Plant filing fee |
| 1004 | 740 | 2004 | 370 | Reissue filing fee |
| 1005 | 160 | 2005 | 80 | Provisional filing fee |
| SUBTOTAL (1) | | | | \$ 770.00 |

EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------|----------------|------------|
| 26 | -20 | 6 | x 18 = 108 |
| 3 | -3 | 0 | x 86 = 0 |
| SUBTOTAL (2) | | | |

(\$ 108.00)

**or number previously paid, if greater; For Reissue, see above

SUBMITTED BY

| | | | | | |
|-------------------|------------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | James W. Huffman | Registration No. (Attorney/Agent) | 35,549 | Telephone | (719) 475-7103 |
| Signature | | | | Date | 4-16-04 |

FEE CALCULATION (continued)

| 3. ADDITIONAL FEES | | | | | |
|---------------------------|-----------------------|-----------------------|-----------------------|--|----------|
| Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | FEE PAID |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Extension for reply within first month | |
| 115 | 110 | 215 | 55 | Extension for reply within second month | |
| 116 | 400 | 216 | 200 | Extension for reply within third month | |
| 117 | 920 | 217 | 460 | Extension for reply within fourth month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fifth month | |
| 128 | 1,960 | 228 | 980 | Notice of Appeal | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,330 | 241 | 665 | Petition to revive - unintentional | |
| 142 | 1,330 | 242 | 665 | Utility issue fee (or reissue) | |
| 143 | 480 | 243 | 240 | Design issue fee | |
| 144 | 640 | 244 | 320 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.29 (a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.29 (b)) | |
| 179 | 770 | 279 | 385 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)